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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Joon-seop Kwak et al.

Application No.: 10/673,251

Filing Date: September 30, 2003

Title: GAN BASED GROUP III-V NITRIDE
SEMICONDUCTOR LIGHT-EMITTING
DIODE AND METHOD FOR
FABRICATING THE SAME

) **MAIL STOP AMENDMENT**

) Group Art Unit: 2812

) Examiner: SAVITRI MULPURI

) Confirmation No.: 2845

**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

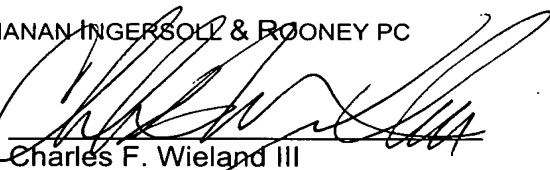
- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☒ Charge \$180.00 to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date August 8, 2007

By:


Charles F. Wieland III
Registration No. 33096

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby cite certain documents identified in an Official Action issued by The Patent Office of the People's Republic of China on May 11, 2007, concerning the corresponding Chinese patent application in conformance with the provisions of 37 C.F.R. §§1.97 and 1.98. A copy of the Official Action and an English translation thereof are attached hereto.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The following comments are offered with respect to the cited documents.

JP 11-045892 is in Japanese. An English-language abstract and patent family search is provided herewith. It is noted that two of the English-language equivalent family members were previously cited in the present application, i.e., U. S. Patent No. 6,468,902 B2 was cited by the Examiner in the Official Action dated March 17, 2004; U. S. Patent Application Publication No. 2001/035580A1 was cited by applicants in the First Information Disclosure Statement filed on September 30, 2003.

JP 2003-312049 is in Japanese. An English-language abstract and patent family search is provided herewith. According to the patent family search, there does not appear to be any English-language equivalent available.

The documents are being submitted after the close of prosecution but prior to, or concurrently with, the payment of the issue fee, therefore under 37 C.F.R. § 1.97(d) a statement and the fee set forth in 37 C.F.R. § 1.17(p) are enclosed.

I, the undersigned, hereby state in accordance with 37 C.F.R. § 1.97(e)(1) that each item of information contained in this Information Disclosure Statement was first cited in any

communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

This submission does not represent that a search has been made or that no better prior art exists; and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior against any claim in the application and Applicants determine that the cited documents do not constitute prior art under U. S. law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.


To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: August 8, 2007

By:


Charles F. Wieland III
Registration No. 33096

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

(use as many sheets as necessary)

Sheet 1 of 1

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|----------------------|-----------------------|
| Application Number | 10/673,251 |
| Filing Date | September 30, 2003 |
| First Named Inventor | Joon-seop Kwak et al. |
| Examiner Name | SAVITRI MULPURI |
| Attorney Docket No. | 1034484-000029 |

[illegible][illegible]

****Patent Family Search Provided**

| NON-PATENT LITERATURE DOCUMENTS | |
|---------------------------------|---|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| | Official Action issued by The Patent Office of The People's Republic of China in corresponding Chinese Patent Application No. 200410076862.9, May 11, 2007; and English translation thereof |
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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.